

## Form R Reporting Module

The FacTS™ relational database links chemical inventory information to MSDS information and emissions, providing for nearly automatic generation of standard Form R reports. FacTS also comes with verification worksheets, showing intermediate calculations and annual summary reports. The same information used to generate the standard Form R reports can also be validated against other regulatory and user-defined lists providing quantity of chemicals processed, manufactured, and emitted.

The screenshot shows a window titled "Facility Tracking System (c:/facts7): QCS" with a menu bar (File, Edit, View, Special, Window, Help) and a toolbar. The main content area is titled "313 Chemical Usage: Detail - Change (+1)". The form contains the following fields:

YEAR:	1995	
FACILITY ID:	CuC13	Copper Harbor Station
CAS NUMBER:	000050-00-0	Formaldehyde
RECORD TYPE:	3	Section 313 Chemical / Category
Receipt Quantity:	6,901.39	Pounds
Usage Quantity:	100,499.80	Pounds
Maximum Daily Quantity:	776.15	Pounds
<input type="checkbox"/> Form R Report Required		

At the bottom of the window, a status bar contains the text: "Please enter the Year of the Usage Record."

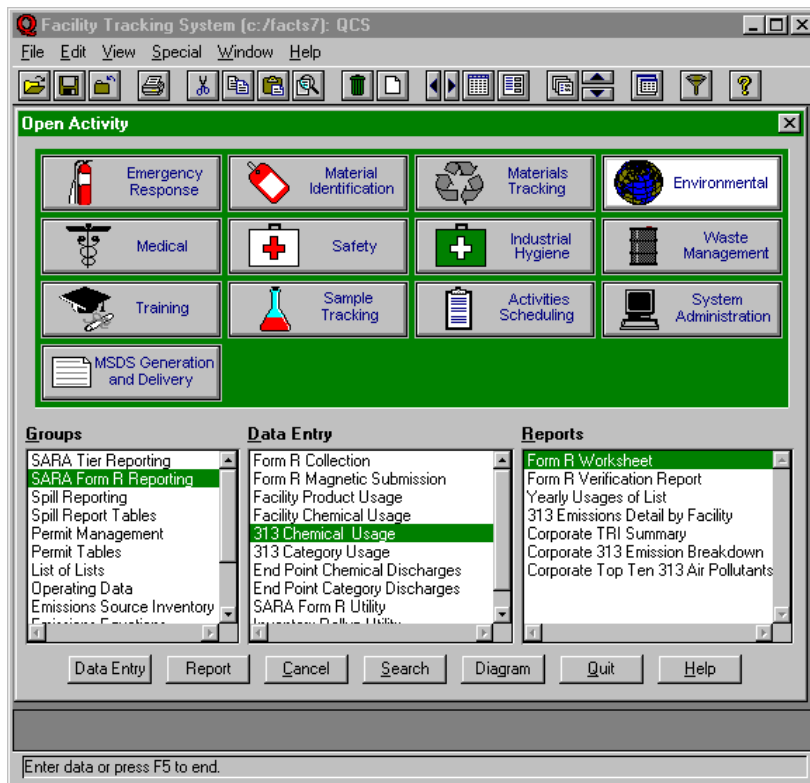
### Threshold Determination

FacTS is preloaded with both the current 313 Toxic Chemical List and speciated 313 category lists (e.g. Glycol Ethers, Diisocyanates, Lead Compounds etc). The user can cross reference these chemical lists against the MSDSs in the FacTS database to obtain a listing of materials that contain 313 chemicals. Material used, manufactured, and processed can also be compared to the 313 lists to determine reportables. The system takes into account de minimis and activity/use exemptions as well as special rules such as the "High/Low" rule when determining reportables. Inventory information may be downloaded from a purchasing or MRP system into FacTS, or entered manually. Using this inventory information and chemical composition records, FacTS will aggregate all 313 chemicals and chemical categories, determining which of these chemicals and categories are Form R reportable.



## Form R Generation

FacTS allows you to generate Form R Report records based on reportable chemicals and categories. Emission information can be populated through the integration of information from the Waste and Emissions and Effluent Management Modules, or may be entered directly into the Form R Report. For hazardous releases, the spill report file gathers the necessary 313 data required for TRI Reporting, including the material spilled, amount, the media released to, and agency notified. FacTS automatically retrieves the chemical constituents for the released material to determine if any SARA 313 reportable ingredients were involved in the spill.



## Reporting Options

The Form R Worksheet may be used to view the 313 chemical and chemical category usage and emissions. Options are included which allow the user to configure the worksheet to display only those 313 records that are Form R Reportable, or information for all 313 chemicals used at the facility.

Annual summary reports are available which allow the user to view Form R information across the corporation. These reports show a summary of Form R information by geographic region, state, or corporate entity.

## Compliance Completion

After a Form R Report has been completed in FacTS, reporting can be completed either through magnetic media submission or by printing out a hard copy via the EPA's AFR Software (now known as ATRS). The SARA Form R Module generates the properly formatted data files required to submit the Form R to the EPA via magnetic media. These files are saved in user-specified areas, which allows for easy transfer to a formatted floppy diskette. From that point, completed submission only requires the correct labeling of the disk and its subsequent shipment to the EPA.

